

FIGURE 1 (PRIOR ART)

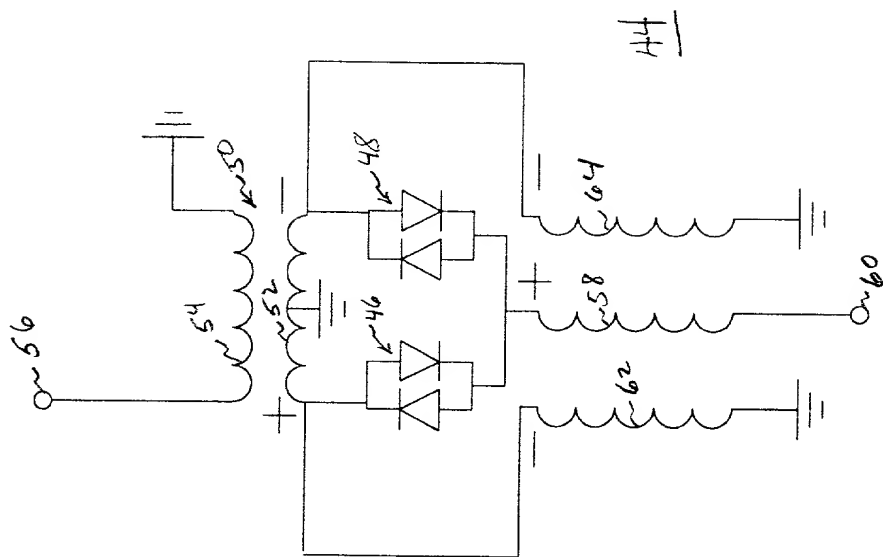


FIGURE 2 (P₁₀0R NET)

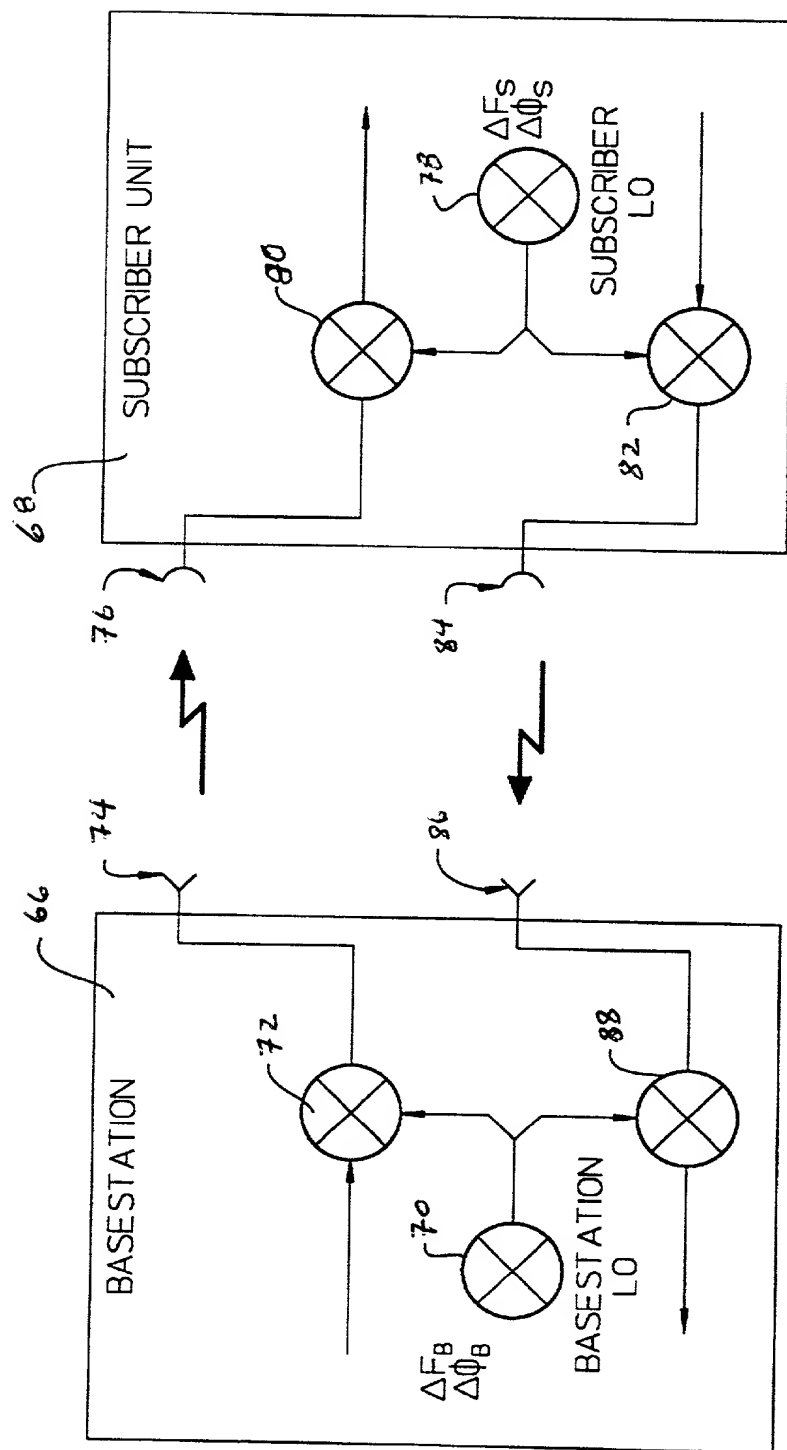


Figure 3 (PRIOR ART)

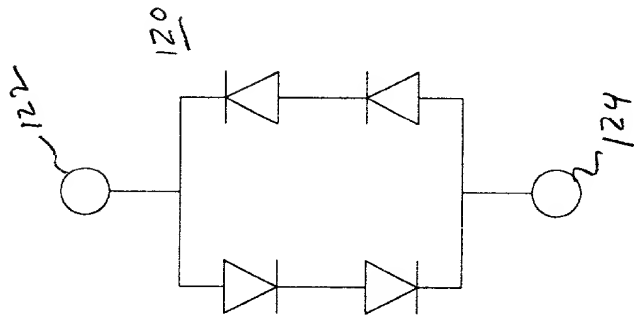


FIGURE 5

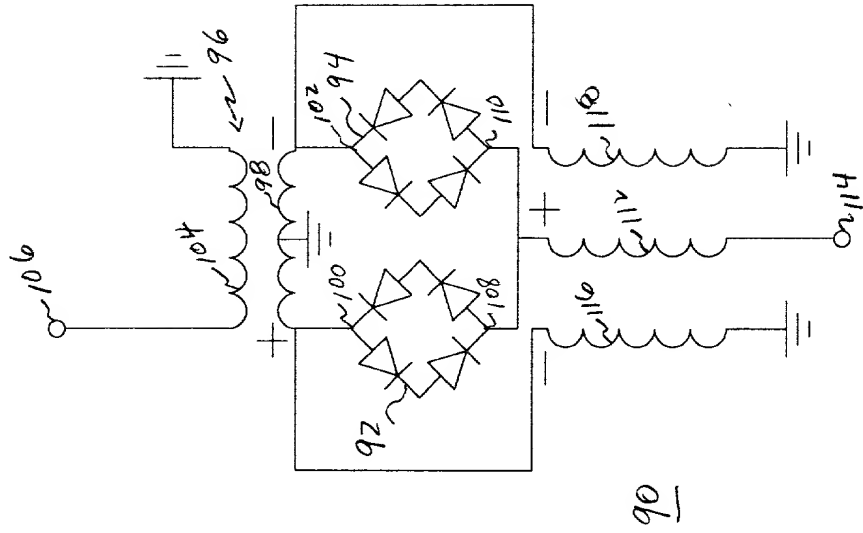


FIGURE 4a

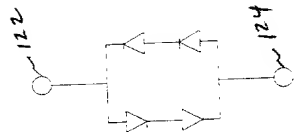


FIGURE 4b

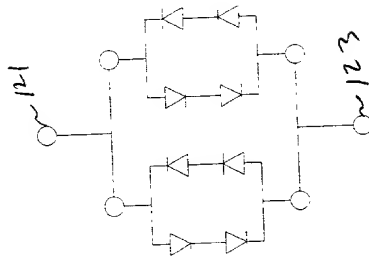


FIGURE 4c

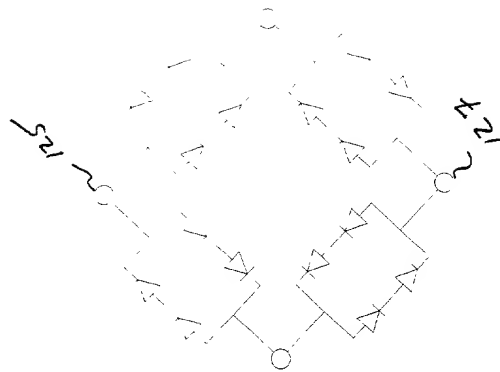


FIGURE 4d

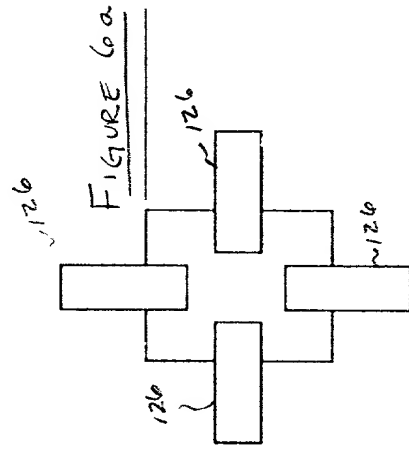
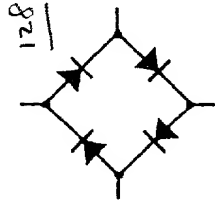


FIGURE 6c



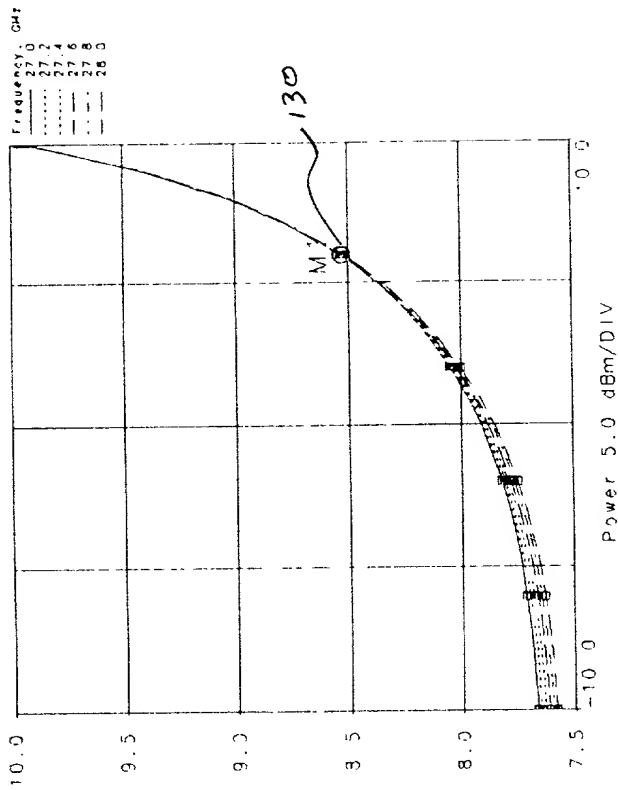
[illegible]

Figure 7

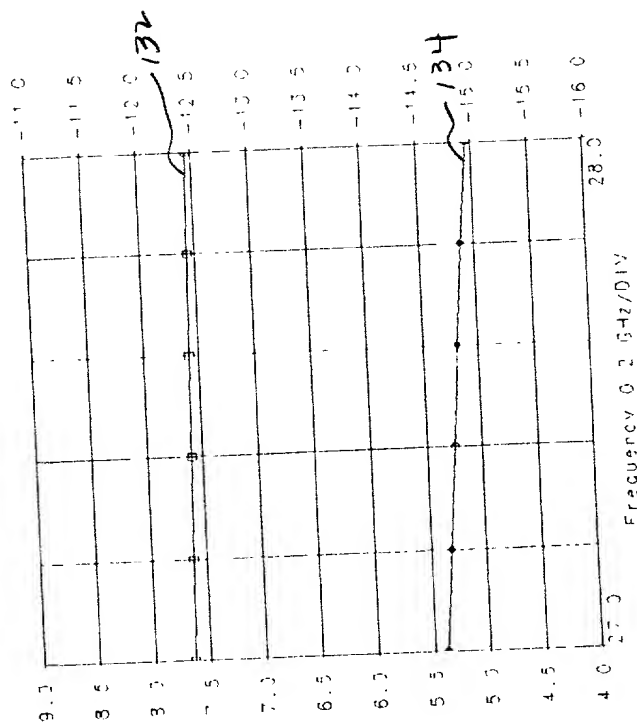


Figure 8

CH1: A -M - 8.41 dB - 13.59 dB
 1.0 dB/ REF 7.00 dB
 CH2: B -M - 5.0 dB/ REF - .00 dB

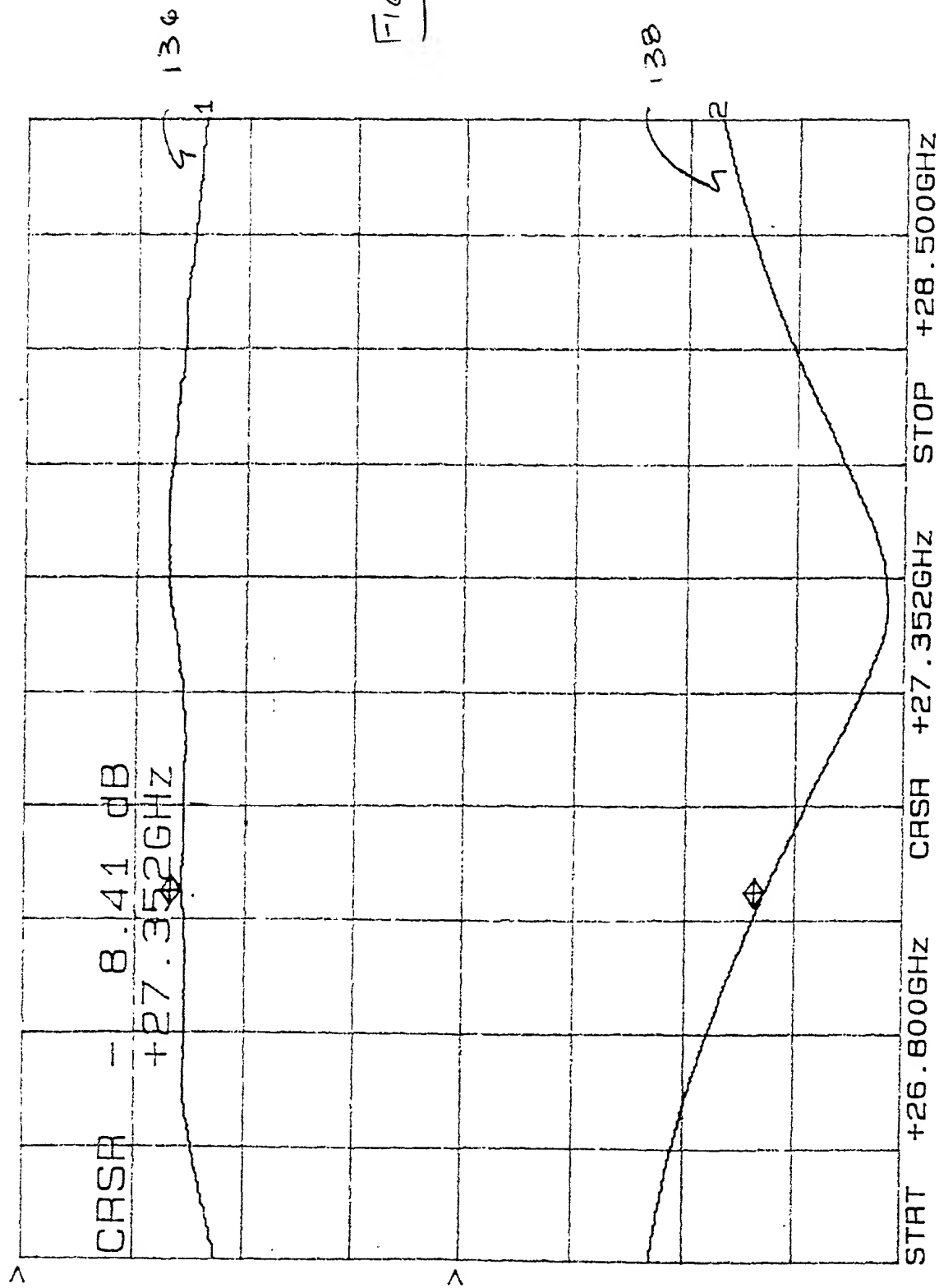


FIGURE 9

TOP OF CHANNEL

CH2: B -M - 9.70 dB
5.0 dB/ REF - .00 dB

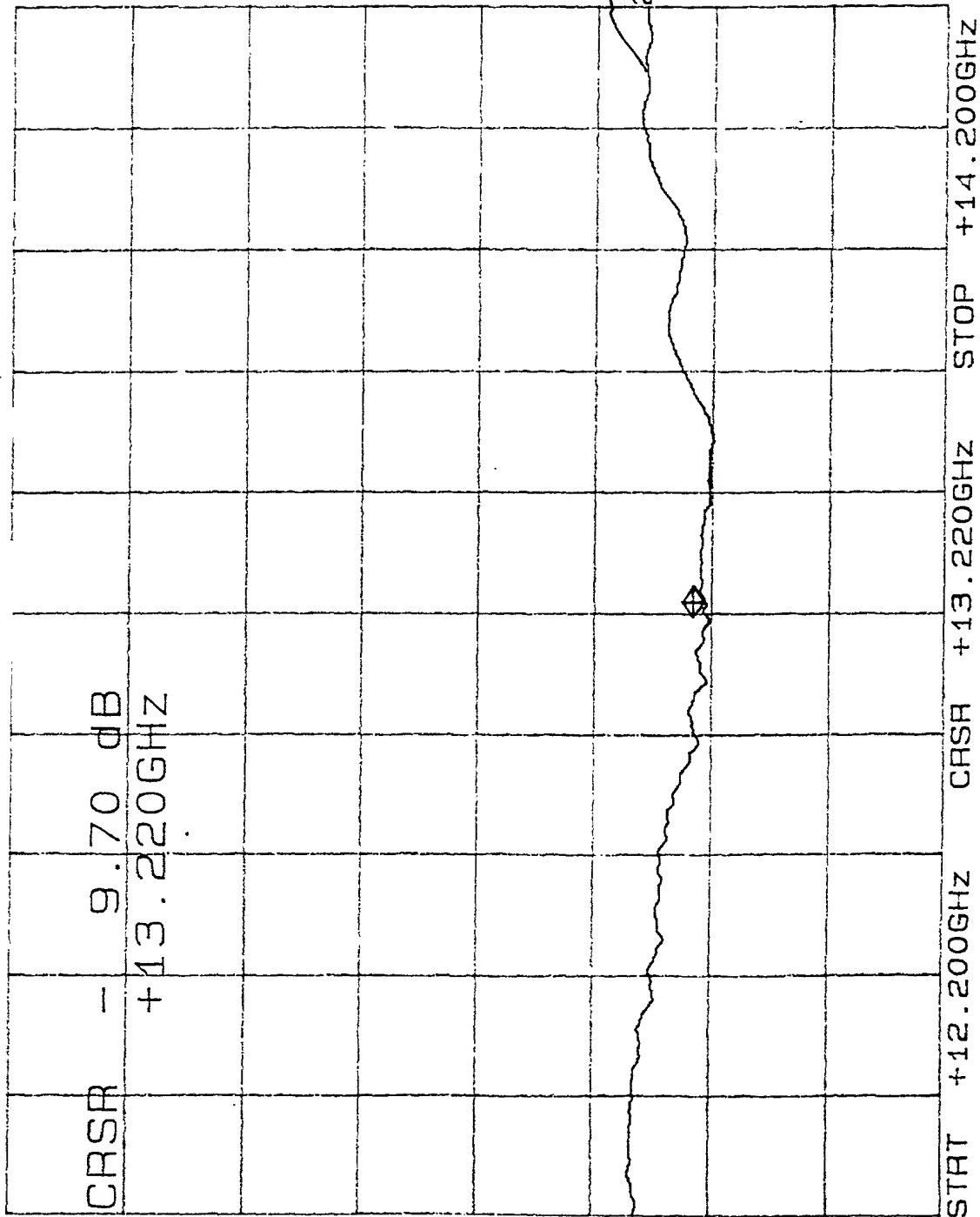


FIGURE 10

CH1: A -M = .77 dB
 .5 dB/ REF = 7.50 dB

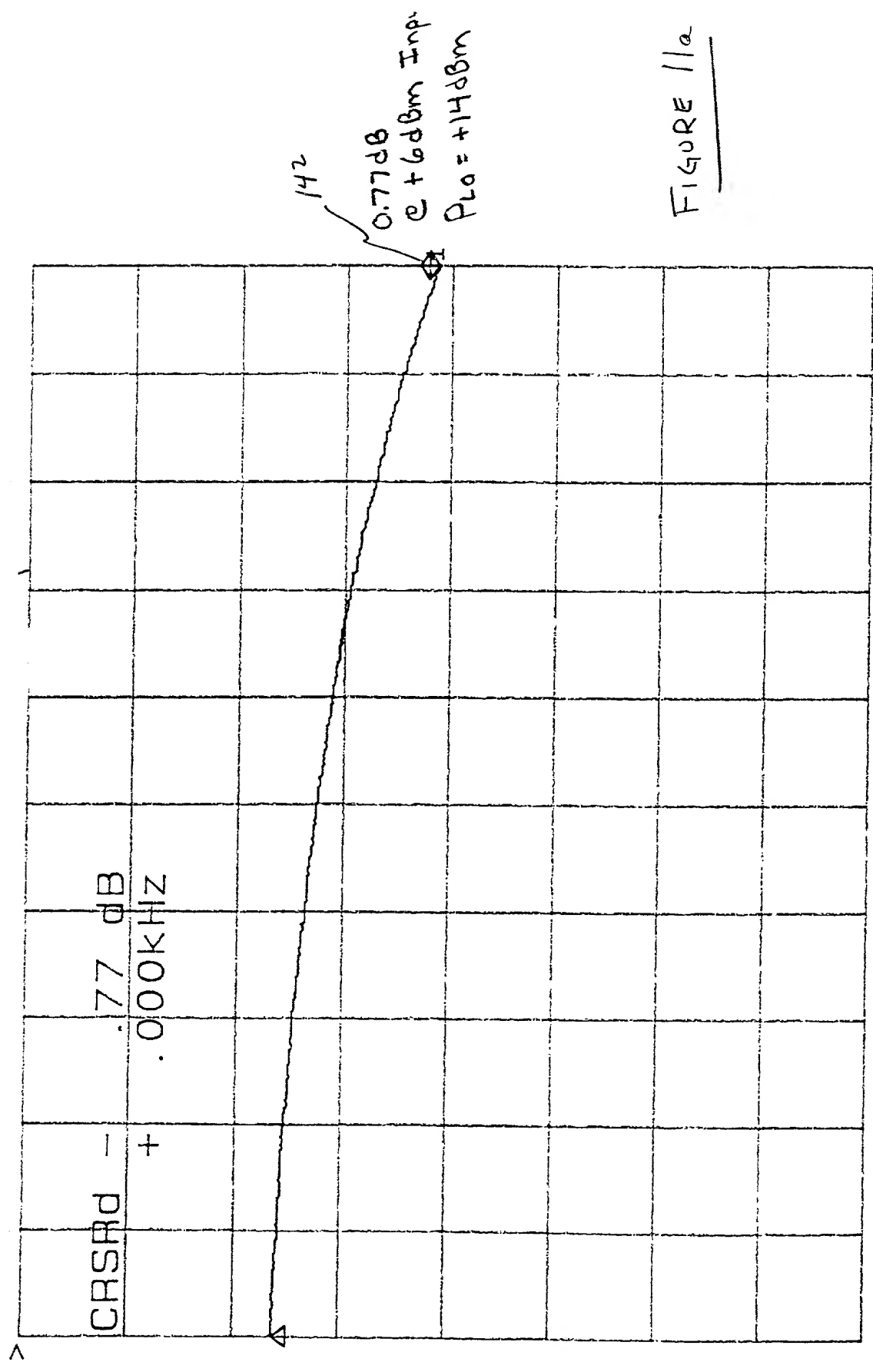


FIGURE 11a

-4 dBm $\xrightarrow{\text{Pin @ RF}}$ +6 dBm

f_{RF} = 27.85 GHz

10370 1162860

ATTEN 10dB

RL -28.3dBm

Δ MKR -43.33dB

-20.92MHz

10dB

Δ MKR

-20.92 MHz

-43.33 dB

$P_{in} = -6dBm$

TIP3
= +15dBm

$\odot P_{LO} =$
+14dBm

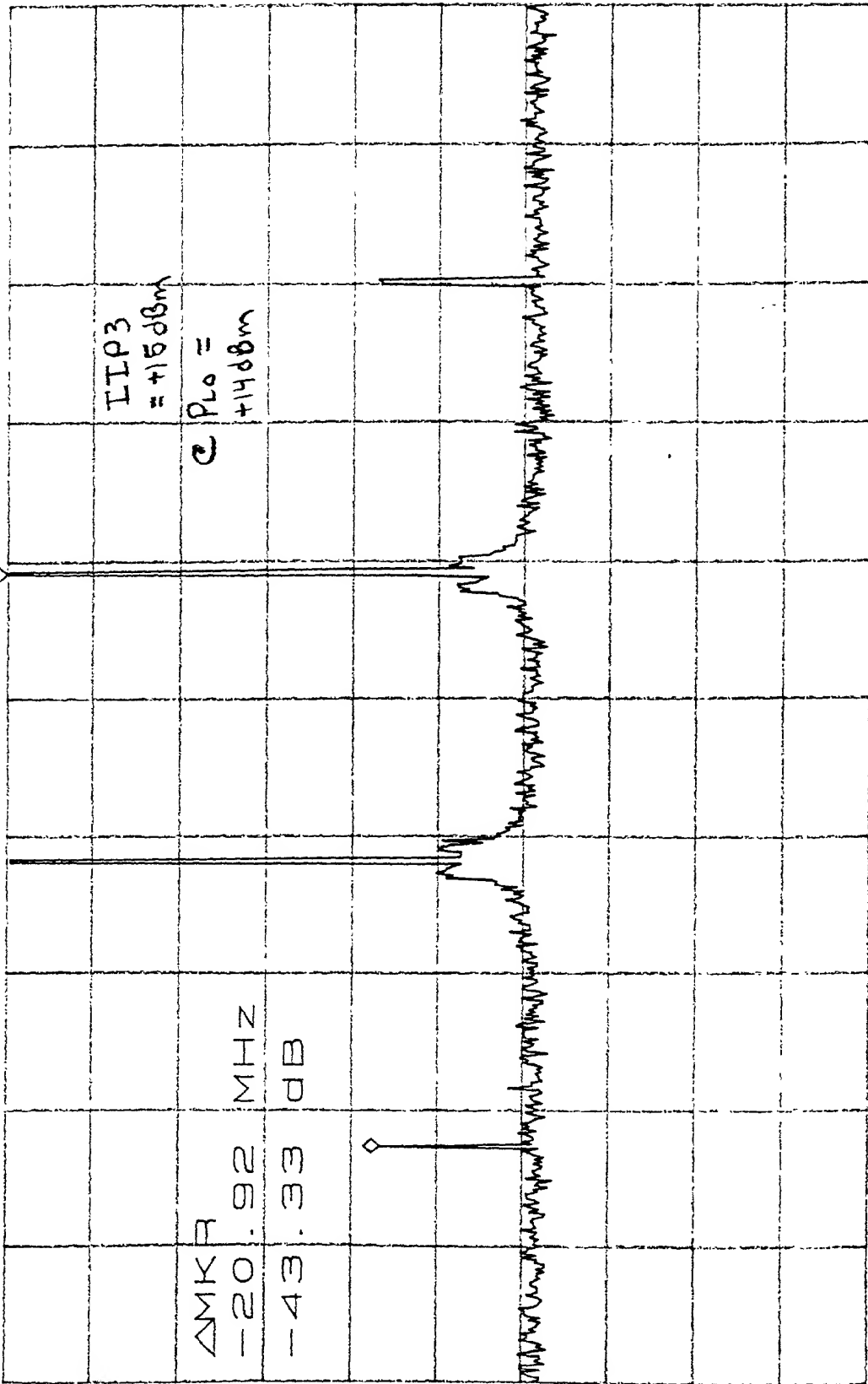


FIGURE 12a

CENTER 1.45425GHz

*RBW 10kHz

SPAN 50.00MHz

VBW 10kHz

SWP 2.0sec

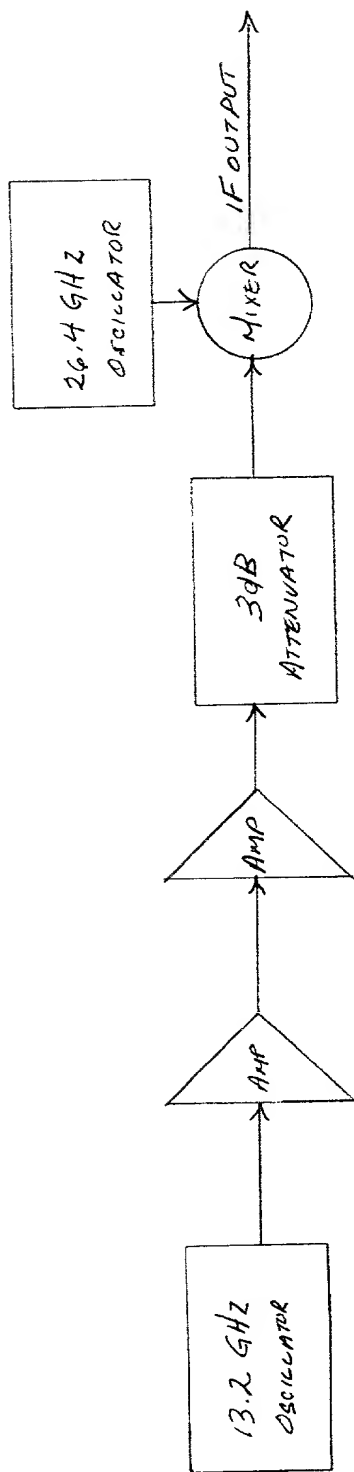


FIGURE 11b

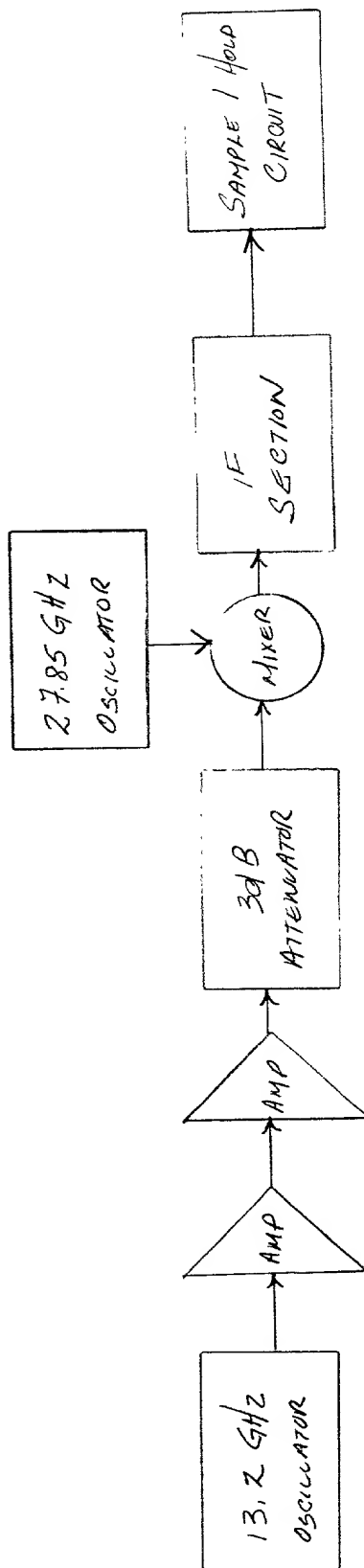
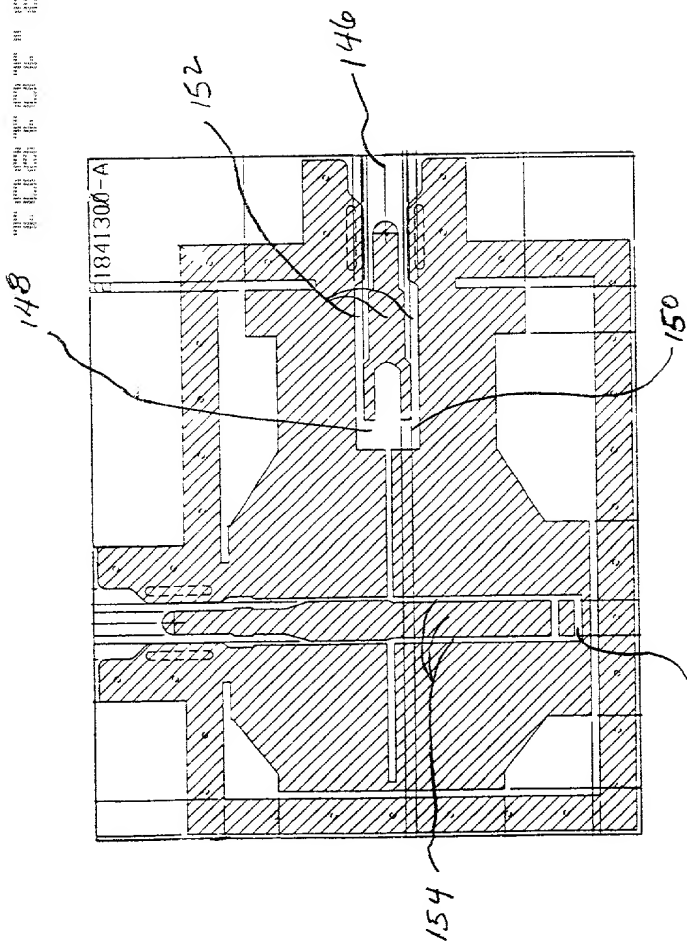


FIGURE 12b



144 FIGURE 13a

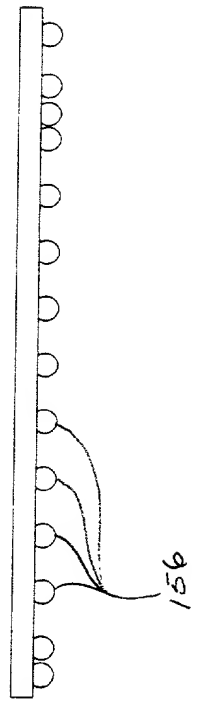


FIGURE 13b